

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000165.D
 Acq On : 28 Feb 2018 14:29
 Operator : JC/MD
 Sample : J1674-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-2

Quant Time: Mar 01 06:50:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

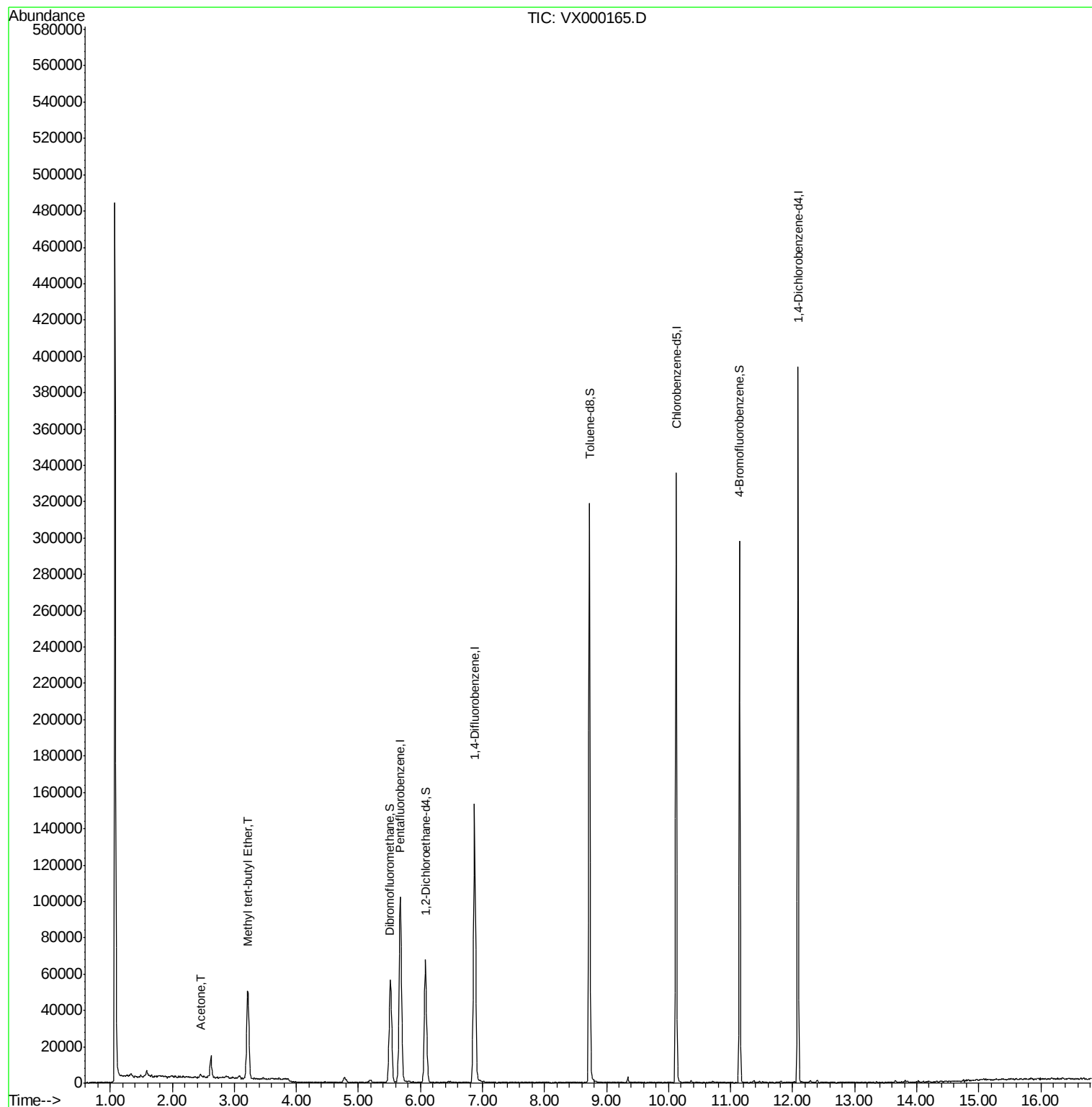
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	97159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	154788	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	143034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	75303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	60287	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
35) Dibromofluoromethane	5.51	113	46185	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	8.73	98	188819	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.15	95	66827	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
16) Acetone	2.45	43	2203	2.80	ug/l	# 79
19) Methyl tert-butyl Ether	3.22	73	57908	16.58	ug/l	99

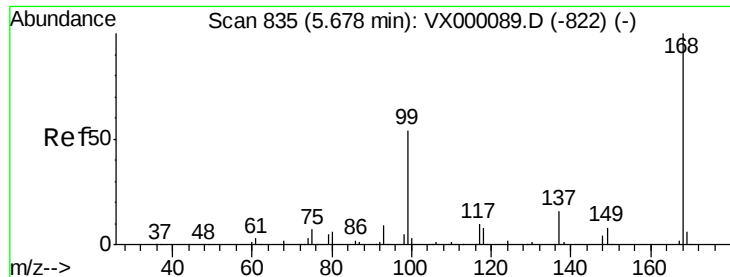
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000165.D

Acq: 28 Feb 2018 14:29

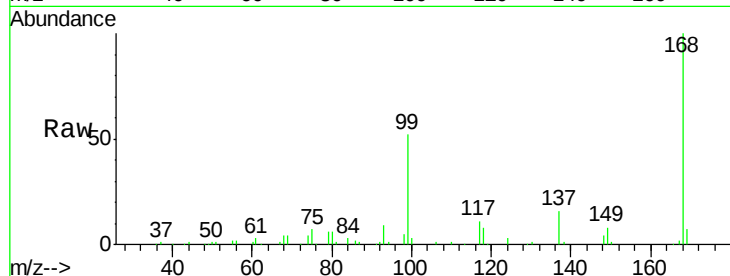
Instrument :
MSVOA_X
ClientSampleId :
BR-2

Tot Ion:168 Resp: 97159

Ion Ratio Lower Upper

168 100

99 52.0 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

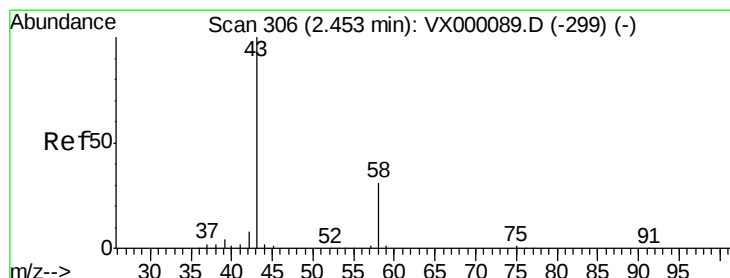
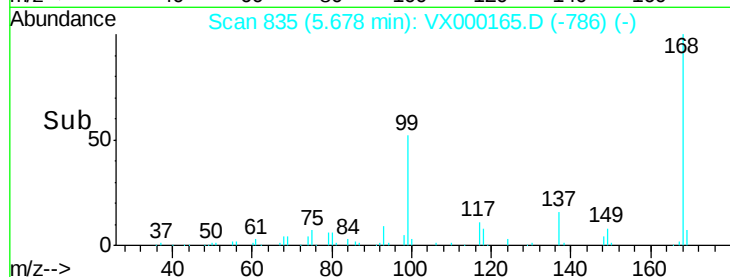
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 2.80 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000165.D

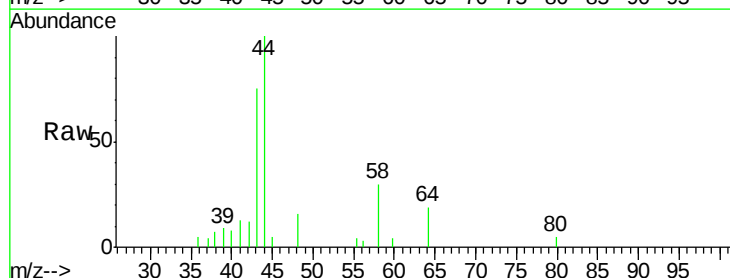
Acq: 28 Feb 2018 14:29

Tgt Ion: 43 Resp: 2203

Ion Ratio Lower Upper

43 100

58 43.0 25.0 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

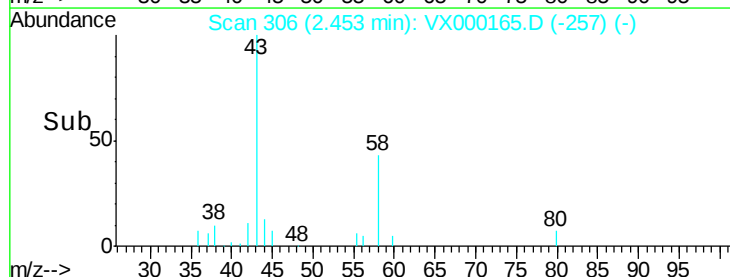
1000

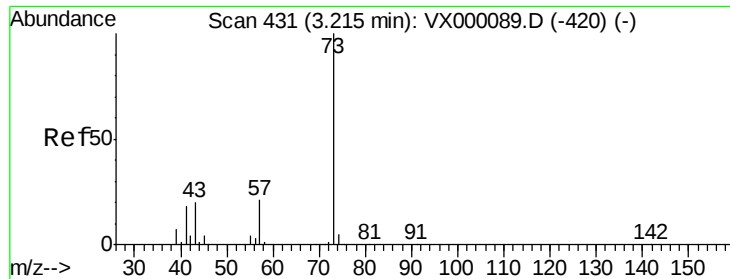
500

0

Time-->

2.40 2.45 2.50

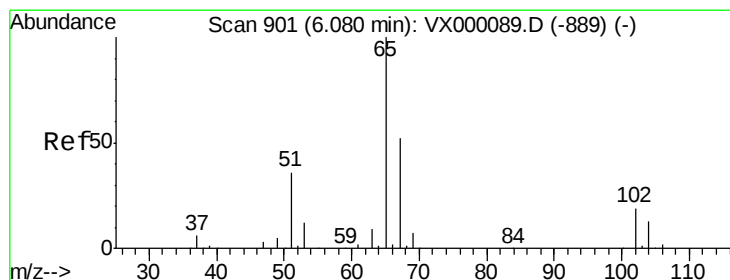
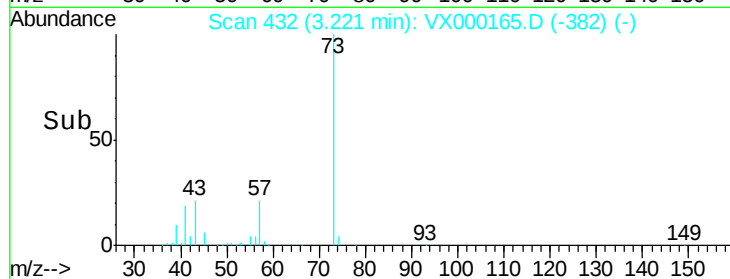
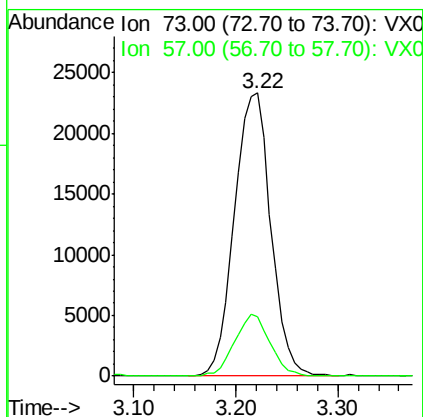
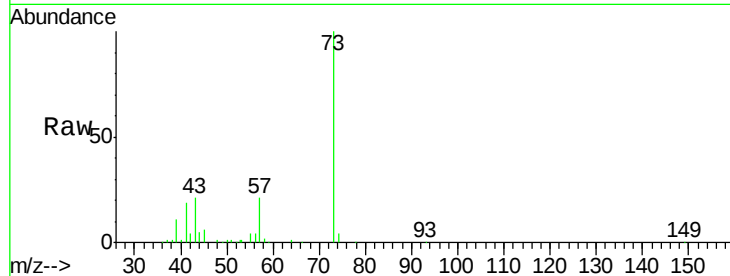




#19
Methvl tert-butvl Ether
Concen: 16.58 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX000165.D
Acq: 28 Feb 2018 14:29

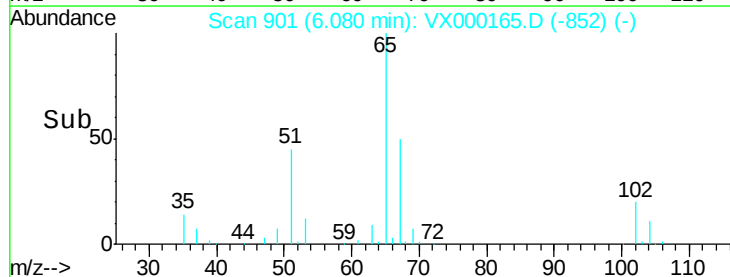
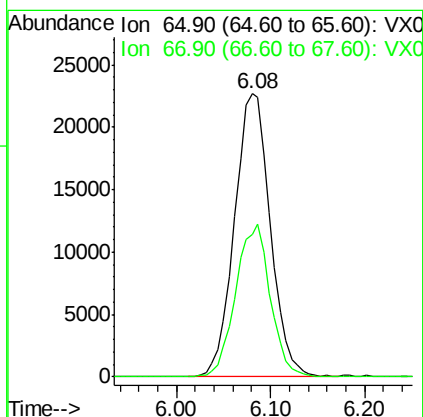
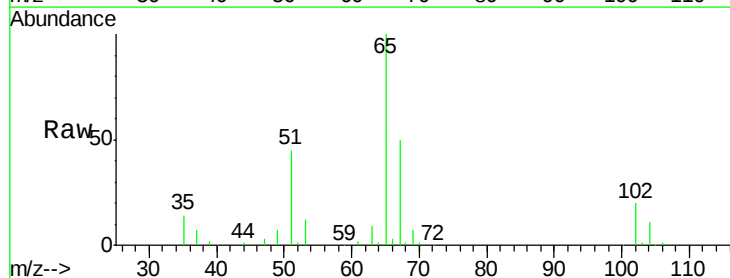
Instrument :
MSVOA_X
ClientSampled :
BR-2

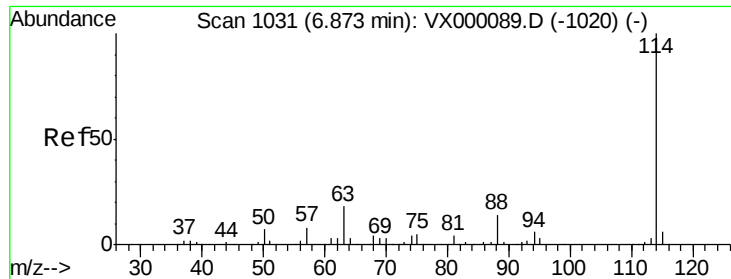
Tot Ion: 73 Resp: 57908
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6



#33
1,2-Dichloroethane-d4
Concen: 49.69 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000165.D
Acq: 28 Feb 2018 14:29

Tgt Ion: 65 Resp: 60287
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

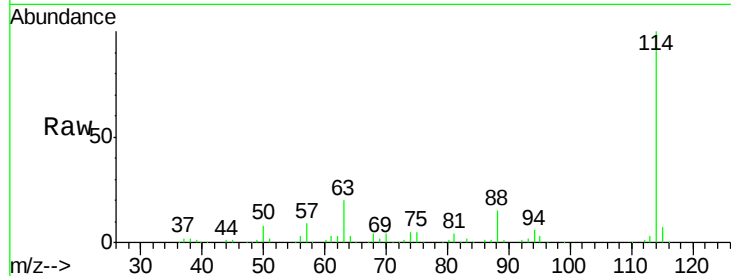




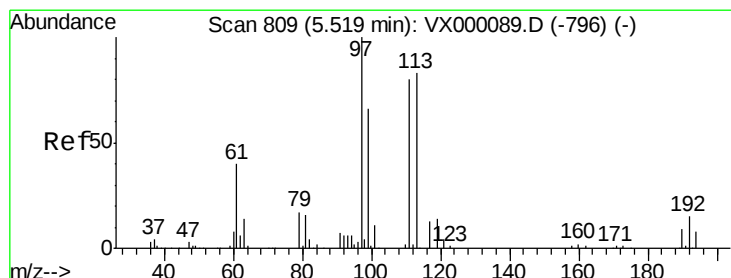
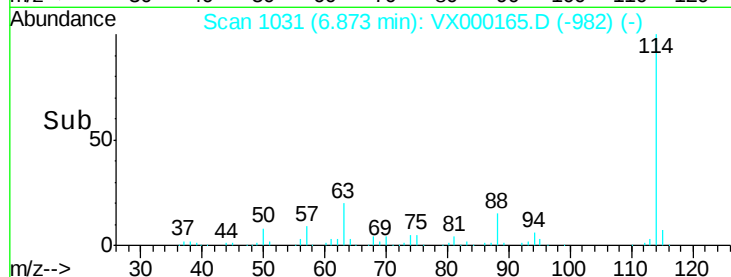
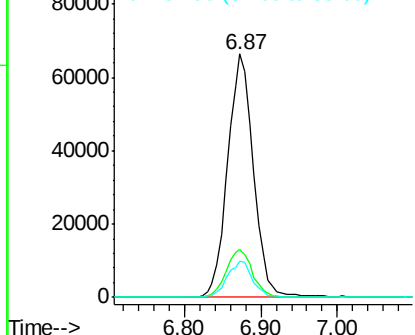
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000165.D
 Acq: 28 Feb 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-2

Tot Ion:114 Resp: 154788
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.4
 88 14.8 0.0 29.0

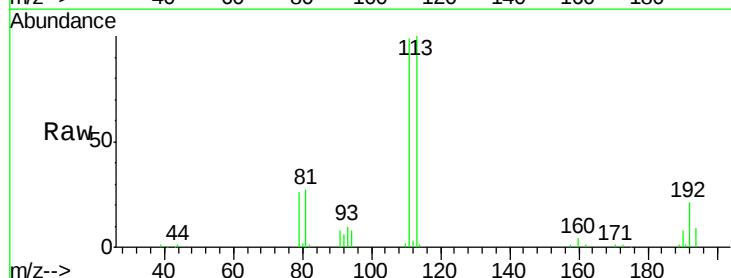


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

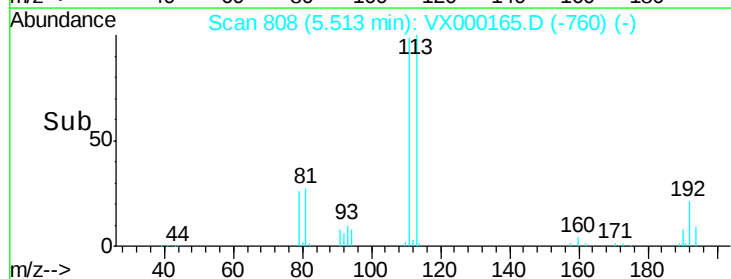
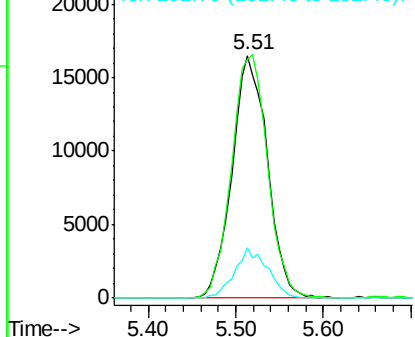


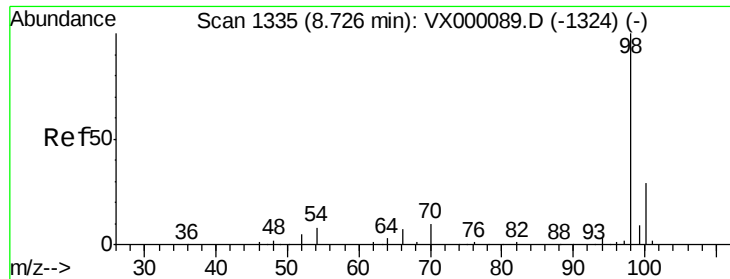
#35
 Dibromofluoromethane
 Concen: 47.28 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000165.D
 Acq: 28 Feb 2018 14:29

Tgt Ion:113 Resp: 46185
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.6
 192 19.2 15.7 23.5



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.00 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000165.D

Acq: 28 Feb 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

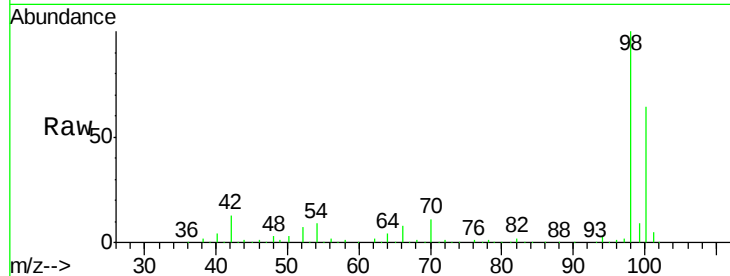
BR-2

Tot Ion: 98 Resp: 188819

Ion Ratio Lower Upper

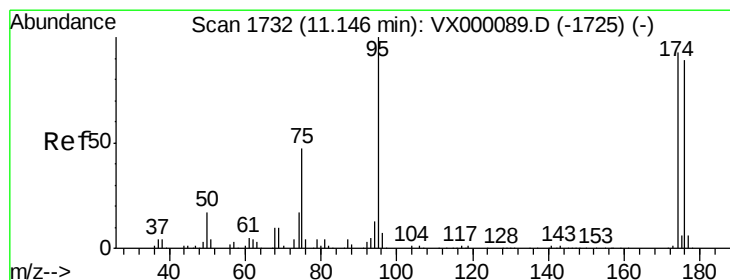
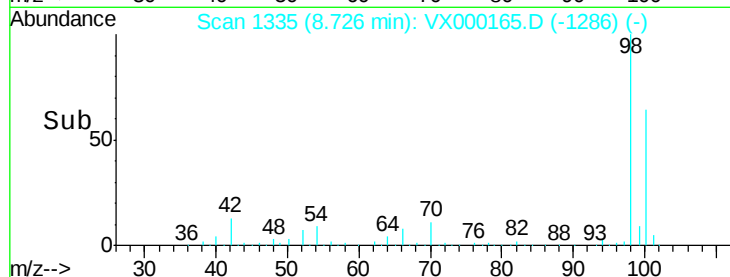
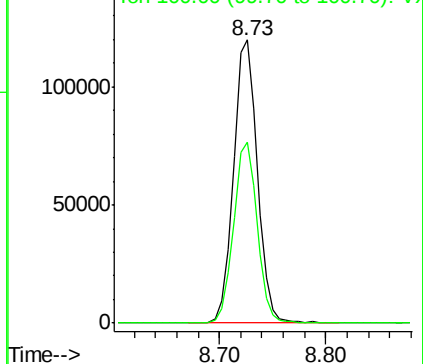
98 100

100 63.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.23 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000165.D

Acq: 28 Feb 2018 14:29

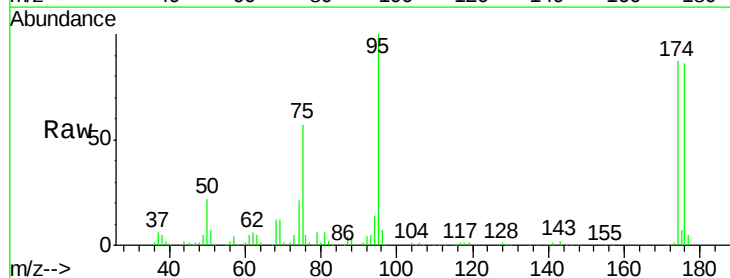
Tgt Ion: 95 Resp: 66827

Ion Ratio Lower Upper

95 100

174 85.9 0.0 187.8

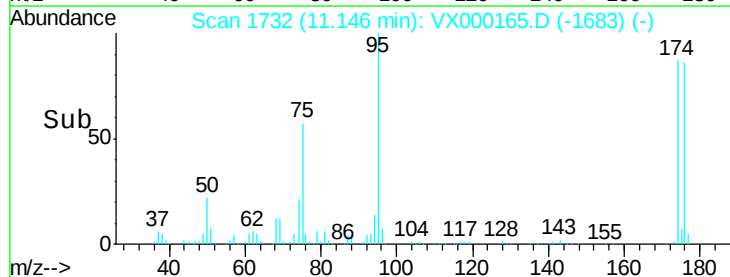
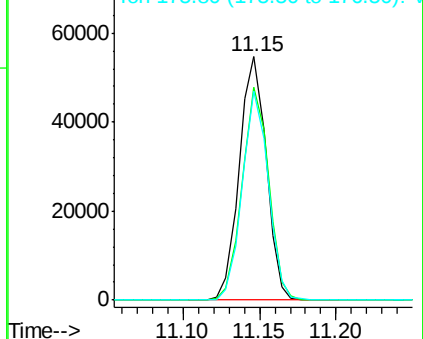
176 83.0 0.0 181.2

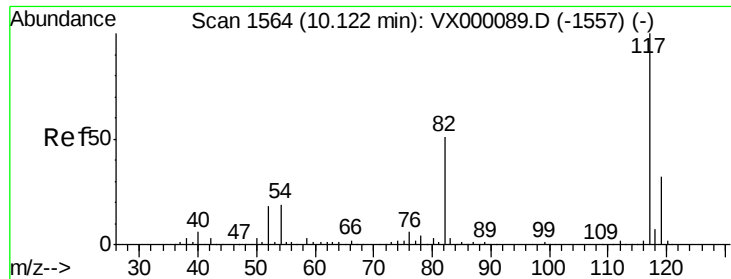


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

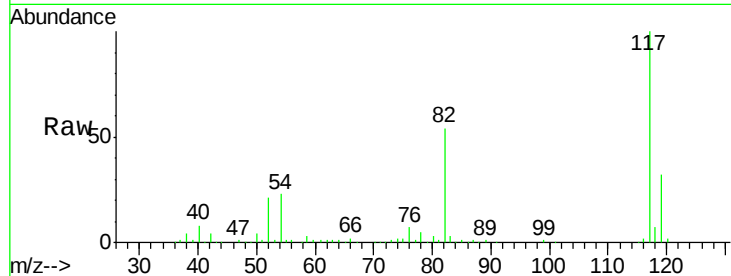




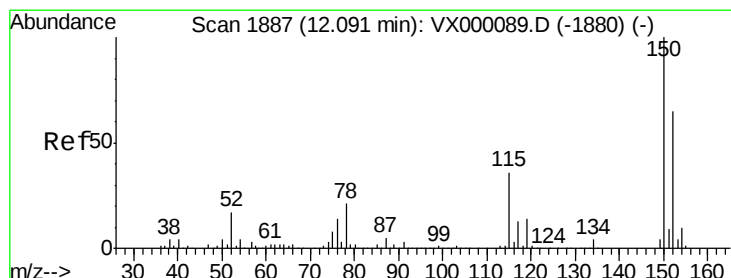
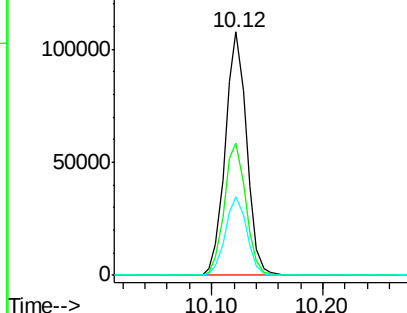
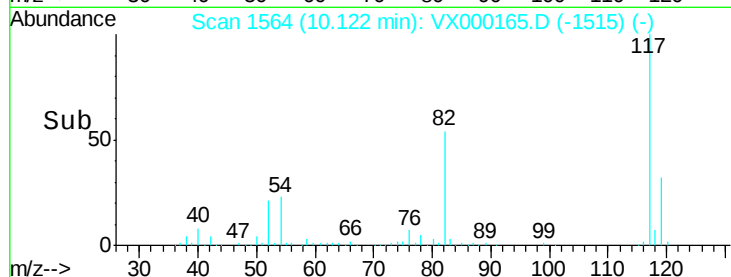
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000165.D
Acq: 28 Feb 2018 14:29

Instrument :
MSVOA_X
ClientSampled :
BR-2

Tot Ion:117 Resp: 143034
Ion Ratio Lower Upper
117 100
82 54.2 41.0 61.6
119 32.2 25.5 38.3

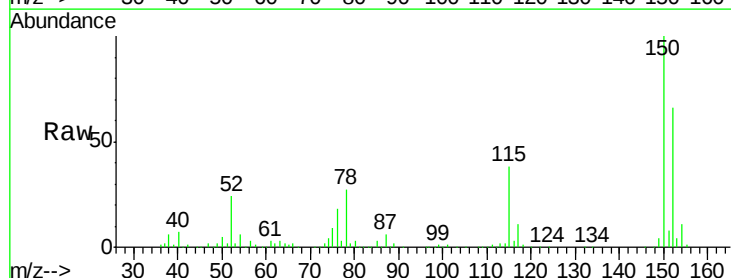


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000165.D
Acq: 28 Feb 2018 14:29

Tgt Ion:152 Resp: 75303
Ion Ratio Lower Upper
152 100
115 59.1 39.1 117.2
150 157.0 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

